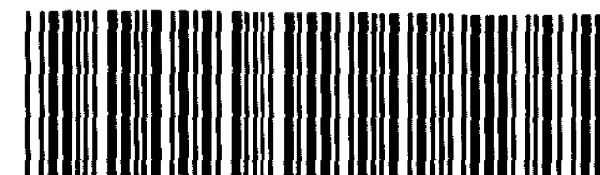


1638



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PATENT APPLICATION: US/09/548,971B

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3 <110> APPLICANT: Liljegren, Sarah
 4 Yanofsky, Martin F.
 5 The Regents of the University of California
 7 <120> TITLE OF INVENTION: Control of Fruit Dehiscence in Arabidopsis by
 8 INDEHISCENT1 Genes
 10 <130> FILE REFERENCE: 19452A-000700US
 12 <140> CURRENT APPLICATION NUMBER: US 09/548,971B
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149 65 70 75
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152 Glu Tyr Asp Glu Asp Met Asp Ala Met Lys Glu Met Gln Tyr Met Ile
153 80 85 90 95
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164 Arg Arg Arg Arg Glu Arg Ile Ser Glu Lys Ile Arg Ile Leu Lys Arg
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167 atc gtg cct ggt ggt gcg aag atg gac aca gct tcc atg ctc gac gaa 3241
168 Ile Val Pro Gly Gly Ala Lys Met Asp Thr Ala Ser Met Leu Asp Glu
169      145      150      155
171 gcc ata cgt tac acc aag ttc ttg aaa cgg cag gtg agg att ctt cag 3289
172 Ala Ile Arg Tyr Thr Lys Phe Leu Lys Arg Gln Val Arg Ile Leu Gln
173 160      165      170      175
175 cct cac tct cag att gga gct cct atg gct aac ccc tct tac ctt tgt 3337
176 Pro His Ser Gln Ile Gly Ala Pro Met Ala Asn Pro Ser Tyr Leu Cys
177      180      185      190
179 tat tac cac aac tcc caa ccc tga tgaactacac agaagctcgc tagctagaca 3391
180 Tyr Tyr His Asn Ser Gln Pro
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215 50 55 60
216 Leu Asp Pro Pro Pro Glu Thr Leu Ile His Leu Asp Glu Asp Glu Glu
217 65 70 75 80
218 Tyr Asp Glu Asp Met Asp Ala Met Lys Glu Met Gln Tyr Met Ile Ala
219 85 90 95
220 Val Met Gln Pro Val Asp Ile Asp Pro Ala Thr Val Pro Lys Pro Asn
221 100 105 110
222 Arg Arg Asn Val Arg Ile Ser Asp Asp Pro Gln Thr Val Val Ala Arg
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227 145                      150                      155                      160
228 Ile Arg Tyr Thr Lys Phe Leu Lys Arg Gln Val Arg Ile Leu Gln Pro
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255 accttaattg cgaaagaagc cgtccccact tcgtgtaatg agttatgggg gagagatcct 660
256 gttaaatacgt caaataaaac aacttaagaa ctagaaattg acacaaaaaa tcataaagag 720
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280 tattggggaa tcagtatatatt agcttgggta actatacttc tggaaataact tgaagattta 2160
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282 taagcagggtt tgaatcttgg aaaattttgt atacataacc tatataaata ctaatgttct 2280
283 ggttgggttc aaaagccttt tcaaaagtgc cattttttta attcaaggac attttacata 2340
284 ggaaataagt tgagtcataa aaaataatgg ttattttgta aggttttttt tttgattaaa 2400
285 acgcacatat taagaagtta gttttttttc actaccaa atcaattaat ttaaaaccat 2460
286 gcaaccattc ataaaacaat actattaaag aatataaata atcacaaaat attaaatata 2520
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289 ataataagag acatgcatgt aagcattcgg ttaattaatc gagtcaaaga tatatatcag 2700
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299 <220> FEATURE:

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320 <223> OTHER INFORMATION: SHATTERPROOF1 (SHP1) genomic

322 <220> FEATURE:

323 <221> NAME/KEY: modified_base

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325 <223> OTHER INFORMATION: n = any nucleotide

327 <400> SEQUENCE: 5

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333 ataattaacc tcataatcaa gattcaatgt ttctaaatat atatggacaa aatttacacg 360
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L:343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5